



City of Bainbridge Island

Statement of Qualifications

Professional Consultant Services

Waterfront Park/City Dock Design

THE
PORTICO
GROUP





July 15, 2013

Heather Beckmann
City of Bainbridge Island
Department of Planning and Community Development
280 Madison Avenue N
Bainbridge Island, WA 98110-1812

Re: City of Bainbridge Island RFQ for Professional Consultant Services Waterfront Park/City Dock Design

Dear Ms. Beckmann:

As a local Seattle design firm with nearly 30 years experience, The Portico Group is delighted to present our qualifications for the City of Bainbridge Waterfront Park and City Dock Design Project. We have a particular interest in this project as several of our employees—including proposed Project Manager, Megan Nielsen Hegstad—are residents of Bainbridge Island who want to enrich and enliven their own community.

This is exactly the type of project that we love – revitalizing a beloved community component while maintaining the qualities that make the Waterfront Park a popular gathering place. Having participated in the June community meeting, we intend to focus on three priorities for the Waterfront Park and City Dock: connections, community, and nature.

Connections

The Waterfront Park is all about creating connections between people, places, and nature. Improved access routes will directly link the waterfront to the larger downtown area and ferry terminal. The new City Dock will welcome more boaters to Bainbridge and allow them to more easily linger on the island. The vibrant waterfront will lure tourists to visit and explore. Interpretive elements will link visitors and residents alike to the rich cultural and natural history of the area. By basing our design on the unique characteristics of the site, we will help create an experience and story that could be told nowhere else. Integral to the design process, The Portico Group will keep the public actively involved to forge a strong affinity to the revitalized waterfront.



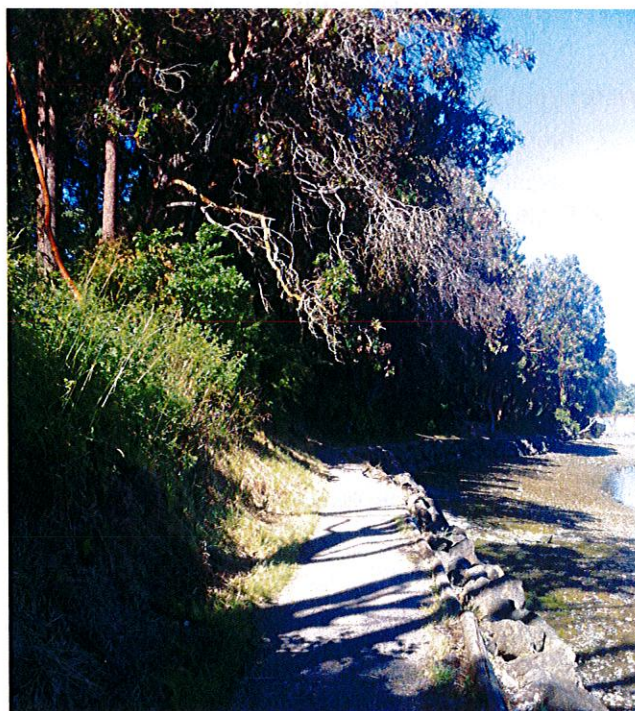
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Grant Writing

Herrera has assisted numerous local agencies with grant writing in support of their efforts to restore habitat for salmon populations, particularly to the Recreation and Conservation Office (RCO). The following projects were successfully funded by the RCO through the assistance of Herrera: Frye Cove Bulkhead Removal Project, Ala Spit Restoration and Preservation Project, Strawberry Point Assessment Project, and the Quilcene River Restoration Project. Herrera grant preparation assistance on these projects involved conducting a feasibility assessment and preparing engineering estimates of probable construction costs. As part of our grant preparation strategy, we typically develop conceptual or 30% designs in support of the grant applications to increase their fund awarding potential. We design habitats based on our ecological perspective, that mimic natural systems to ensure that habitat functions and values are replicated. Our fisheries biologists, engineers, and geomorphologists work closely together on the conceptual designs. As part of our assistance, we also provide technical support to our clients to facilitate the grant review application process by the Lead Entities in order to increase our clients' chance to be awarded restoration dollars. As the Lead Entities develop local salmon recovery strategies based on science, the work of our technical staff to develop best available science contributes favorably in the selection of the grant awards. Additional assistance Herrera provides in support of habitat restoration funding is facilitating community involvement in the project conception. Involved citizen committees help ensure that projects have community support. In fact, they often are the best indicators of community interest in salmon recovery and know how to increase support over time. Herrera facilitation of community involvement helps to ensure that the best projects are funded for salmon recovery and that those funded projects receive full community support.

Familiarity with State and Local Shoreline Regulations

Herrera is extremely familiar with state and local regulations that will impact the City's improvements at Waterfront Park. In terms of local shoreline regulations, Herrera led the consultant team assisting the City in their recent Shoreline Master Program Update. This included the development of a restoration plan that included a project description of shoreline work that could improve ecological function at the park. Herrera is also extremely familiar state regulations that will impact the project. Herrera has assisted the Washington Department of Fish & Wildlife in the development of a Habitat Conservation Plan (HCP) for their Hydraulic Project Approval (HPA) process. This included assembling and analyzing the best available science that serves as the basis for their HPA permit program.



Herrera recently completed feasibility for the Waterfront Park Bulkhead for the City of Bainbridge Island. The goal of the work is to remove the bulkhead and nourish the beach with spawning suitable substrate such that the trail can be maintained without the bulkhead, reconnecting the beach with the upland.

Renewable Energy / Sustainable Design

The Portico Group brings significant experience with sustainable design of buildings and sites. Each project offers a unique opportunity to bring together sustainable design, education and actual practice. Each place reveals a different look at the web of ecological connections between the built environment and the ecological environment. Our team will honor these connections, and offer design options that preserve them for the enjoyment of future generations.

A project designed as a comprehensive system rather than a series of independent components will ultimately be more cost-effective, more elegant, and higher performing. For this reason, our approach incorporates green design principles from the very start. Properly defining success as it relates to sustainable design early in the design process creates an opportunity to integrate sustainable goals into the vision statement of the project; those goals then develop into criteria that can be measured and tracked to ensure their realization in the final construction.

The Portico Group brings significant experience with sustainable design of buildings and sites. Recent experience includes participation in the concept design of the Las Vegas Springs Preserve in Nevada (LEED Platinum); the design for Happy Hollow Park and Zoo in San Jose, California (LEED Gold); the Pearl Harbor Visitor Center in Honolulu, Hawaii (on track for LEED Gold); the Mary Lowell Center (headquarters for Kenai Fjords National Park) in Seward, Alaska; and the WaterShed Center in Cleveland, Ohio (each being designed to achieve LEED Silver). These projects are examples of our recent efforts toward achieving sustainability goals and working with our clients toward a greener future. Each project offers a unique opportunity to bring together sustainable design, education and actual practice. Each place reveals a different look at the web of ecological connections between the built environment and the ecological environment. Our team will honor these connections, and offer design options that preserve them for the enjoyment of future generations.



The Pearl Harbor Visitor Center is cooled by natural ventilation as a result of orientation to the trade winds. Venturi effect-inspired roof forms capture the breezes and generous overhangs provide shade on hot, humid days and protection from periodic rainstorms.

Public Outreach

Effective public outreach. Under the leadership of Marcia Wagoner, we propose a multi-pronged approach to public engagement, including face-to-face conversations, posters on Winslow Way and at the ferry terminal and a repository of project progress and discussion on the City's website and Facebook page.

Face-to-face conversations will actively engage those most passionate about the future of Waterfront Park. In addition to those who have already shown interest, we will invite members of community organizations from the arts, business, education, recreation, development and environment to engage in a meaningful discussion about the future of Waterfront Park. Public meetings will include walking tours of the park so that participants can better understand and offer their opinions on proposed improvements.

On the street. To inform those with a more casual interest, preliminary design concepts will be posted at the ferry terminal and on the wall of the Winslow Mall fronting Winslow Way. Colorful easily-understood graphics and plain-language descriptions will engage residents of all ages. Eye-catching print ads, flyers and postcards will be used to announce milestones reached and upcoming public meetings.

Online. Key information and design progress will be posted on the City's website on a routine basis, providing the public with a finer-grained view of the project as it develops. The project web page will build upon early project momentum, and facilitate collaboration by

serving as a repository for project ideas and imagery. For example, a Pinterest board could be used to allow users to tag imagery that illustrates their vision or concept. Opportunities for comment and participation will be promoted on the City's Facebook page in a manner that avoids "short and sweet" blurbs and allows for a nuanced thoughtful conversation.

Selected Projects include:

- » Bell Street Park Boulevard, Seattle Parks & Recreation
- » Fourth Avenue Cultural Corridor, City of Edmonds
- » Richmond Beach Saltwater Park Master Plan, City of Shoreline
- » Waterfront Futures Group, Port and City of Bellingham
- » Fort Worden State Park Long Range Plan, Washington State Parks and Recreation Commission
- » Off-Leash Dog Area Site Selection, City of Shoreline
- » Winslow Tomorrow, City of Bainbridge Island
- » Bainbridge Island Substation and Transmission Lines, Puget Sound Energy
- » Winslow Way Streetscape, City of Bainbridge Island
- » Winslow Street Smarts, City of Bainbridge Island



Team

The Portico Group has deep Northwest connections and a strong background in designing public parks. Founded in 1984 in Seattle, we specialize in spaces for community, interpretation, and informal education. We provide landscape architecture, architecture, and interpretive planning, allowing us to explore and illuminate the relationship between the built and natural environments. Our body of work includes: parks and open spaces, visitor centers and museums, public gardens, and zoos and aquaria.

As an interdisciplinary firm, we capitalize on the inspiration, creativity, and dynamic energy found in collaboration—within the firm, with our clients, and with the public. At Portico, we use an intensive Workshop Approach as the foundation of our design process. We strongly believe in engaging all stakeholders (including Metro Parks Tacoma staff and volunteers, Tacoma public schools through SAMI, and local residents) throughout the process, to foster a sense of ownership and stewardship for these special places within the community. We seek to create beautiful spaces that meet your diverse needs while still being financially, ecologically, and socially sustainable.

Herrera Environmental Consultants, Inc. (Herrera) is a leading engineering and scientific consulting firm focused on restoration, water, and sustainable development. Herrera's interdisciplinary team of scientists, engineers, and regulatory specialists bring together multiple technical specialties to solve complex problems facing municipalities, government agencies, businesses, tribes, and non-profits. Herrera's more than 100 staff members work in five offices across the western United States and abroad. Herrera provides proven, cost-effective, scientifically defensible, and realistic assessments and solutions to complex environmental issues.

Studio 3MW provides public outreach and involvement services on planning, urban design and capital facilities projects. We have facilitated multiple public outreach efforts for planning and capital projects, involving numerous steering committees, advisory groups, workshops, focus groups and public events. We engage key constituencies with well-crafted writing, graphic design and facilitation to advance decision-making with community understanding and support. Our hallmarks include a holistic approach to issues, a healthy respect for the unique character of each community, effective collaboration with agency staff, and an emphasis on meaningful and effective public outreach. Studio 3MW helps communities prepare for change—designing effective strategies to gain community insights and acceptance and to build capacity for long term implementation.

DCI Engineers provides civil and structural engineering services on new and remodel commercial, residential, medical, educational, governmental, and industrial projects. In addition, DCI Engineers works with public agencies providing transportation, traffic, water, sewer, and stormwater solutions. Our staff members' experience and expertise enables the firm to produce economical designs – without compromising quality.

Since 1991, **John Langer Consulting**, a Veteran Owned Business and a Small Business Enterprise, has been providing cost estimating, scheduling, value analysis and constructability review services to clients in the Pacific Northwest. The success of these services has allowed growth for most of the intervening years with “on-call” contracts to the Port of Seattle, the State of Washington General Administration, and several small architectural firms.

Professional Licenses and Experience Working Together

You will find information on Professional Licenses listed on the resumes located in the appendix. Our team's history of working together includes Marina Park and Bremerton Over-Water Park with DCI Engineers, as well as Nisqually State Park, Jilkaat Kwaan Cultural Heritage Center, Heritage Park, and Washington Park Arboretum with Herrera.

Client References

Nisqually State Park

Nikki Fields
Puget Sound Regional Planner
Washington State Parks and Recreation Commission
1111 Israel Road SW
PO Box 42650
Olympia, Washington 98504
(360) 902-8658, ext. 226
Nikki.fields@parks.wa.gov

Pearl Harbor Visitor Center

Thomas Shaw
(Former Executive Director at Pacific Historic Parks)
P.O. Box 4268
Kaneohe, Hawaii 96744
shawz1984@aol.com
realretailresults@gmail.com
hmsmarketing@aol.com
(808) 247-8921 (home)

Washington Park Arboretum Master Plan and Pacific Connections Garden

Fred Hoyt
Associate Director
University of Washington Botanic Gardens
School of Environmental and Forest Sciences
P.O. Box 354115
Seattle, Washington 98195
(206) 543-3137
cell: 206-793-3940
fhoyt@u.washington.edu
barryhoyt@comcast.net

Heritage Park: Washington State Capitol Campus Expansion

David Hanna, Associate Director
City of Olympia Parks and Recreation
222 North Columbia
Olympia, Washington 98507
(360) 753-8380

Appendix

Dennis Meyer, ASLA, LEED AP

Principal-in-Charge • The Portico Group

Registration

Landscape Architect
in Alabama, Arkansas,
California, Georgia, Idaho,
Iowa, Kentucky, Louisiana,
Michigan, Nevada, New
Mexico, New York, North
Carolina, Ohio, Oklahoma,
Oregon, Pennsylvania,
Tennessee, Virginia, West
Virginia, Washington

CLARB Certification

LEED Accredited Professional



Dennis is an energetic, passionate landscape architect with a reputation for exceptional vision and design. Yet he is also a pragmatist, combining an ability to find the stories hidden in the land with an equal ability to accomplish his projects on time and on budget. Because we are storytellers whose work frequently encompasses large sites, neighborhoods, or regions, Dennis has developed methods for identifying, interpreting and realizing the potential of each unique place regardless of size. His enthusiasm translates into effective client communication, and projects that are visionary and memorable.

Relevant Project Experience:

Education

2012, Core Competencies
for Principals Course, ACEC

1985, Bachelor of Fine Arts
- University of Washington

1979, Bachelor of
Landscape Architecture
- University of Oregon

Affiliations

American Society of
Landscape Architects

Practice

1996, Principal - The
Portico Group

1988, Associate - The
Portico Group

1986, Associate - EDAW,
Inc.

1984, Staff Designer -
Jongejan, Gerrard, McNeal

1979, Associate - Robert
Shinbo Associates

Park Planning and Design

The Bear River Greenway Master Plan, Evanston, WY Principal-in-Charge

Beaver Lake Park: Ball Field, Issaquah, WA Project Manager / Project Landscape Architect

Beaver Lake Park: The Camp, Issaquah, WA Project Manager / Project Landscape Architect

Crossroads Community Park, Bellevue, WA Principal-in-Charge

Decatur Woods Park, Olympia, WA Principal-in-Charge

Des Moines Beach Park, Des Moines, WA Project Manager / Project Landscape Architect

Heritage Park: Washington State Capitol Campus, Olympia, WA Project Manager / Project
Landscape Architect

Heritage Park and Fountain, Olympia, WA Project Manager / Project Landscape Architect

Jefferson Park Site Planning, Seattle, WA Principal-in-Charge

Kent Town Square Plaza, Kent, WA Principal-in-Charge

Lam Watah "Grinding Rocks" Trail, Lake County, CA / Douglas County, NV Principal-in-
Charge

Marina Park Renovations, Kirkland, WA Project Manager / Project Landscape Architect

Meeks Bay Campground, Lake Tahoe, CA Principal-in-Charge

Nisqually State Park Master Plan, Pierce County, WA Principal-in-Charge

Taylor Creek Visitor Center, Lake Tahoe, CA Principal-in-Charge

Washington State Law Enforcement Memorial, Olympia, WA Project Landscape Architect

Urban Design

Preliminary Master Plan & Feasibility Study for the Crossroads Area, Bellevue, WA Project
Manager / Lead Designer

Seward Waterfront Study, Seward, AK Principal Landscape Architect

Space Needle Urban Design Project, Harrison Street Entry, Seattle, WA Project Manager /
Lead Designer

Springfield Civic Park Master Plan, Springfield, MO Principal-in-Charge

Public Facilities

Community Center at Mercer View, Mercer Island, WA Principal Landscape Architect

Coos Head Eco-Tourism Feasibility Study, Charleston, OR Principal-in-Charge

Osage Nation Campus Master Plan, Design Standards, Pawhuska, OK Principal Landscape
Architect

Interpretive Facilities

Alaska Maritime National Wildlife Refuge, Headquarters & Visitor Center, Homer, AK
Project Landscape Architect

Deschutes Hatchery Master Plan, Tumwater, WA Principal Landscape Architect

Jilkaat Kwaan Cultural Heritage Center and Bald Eagle Observatory, Chilkat Indian Village,
Klukwan, AK Principal-in-Charge

Mendenhall Glacier Visitor Center Renovation, Photo Point Trail, Steep Creek Salmon Trail,
Juneau, AK Landscape Architect

Pearl Harbor Visitor Center, Honolulu, HI Principal Landscape Architect

Snohomish River Estuary Center, Everett, WA Project Manager / Landscape Architect

Tillamook Forest Center, Tillamook, OR Principal-in-Charge / Principal Landscape Architect

Public Gardens

The Atlanta BeltLine Arboretum Conceptual Plan, Atlanta, GA Principal-in-Charge

Garvan Woodland Gardens, Tree Houses for The Children's Adventure Garden, University
of Arkansas, Hot Springs, AR Principal-in-Charge

Las Vegas Springs Preserve, Las Vegas, NV Design Principal

San Francisco Botanical Garden Interpretive Master Plan and Master Plan Refinement,
Golden Gate Park, San Francisco, CA Principal Landscape Architect

Washington Park Arboretum Master Plan, Implementation Plan, and Pacific Connections
Garden, Seattle, WA Principal-in-Charge

Zoos and Aquaria

Happy Hollow Park and Zoo Master Plan and design, San Jose, CA - Principal-in-Charge

Miami Metrozoo Master Plan, Miami, FL - Principal Landscape Architect

National Zoological Park American Trail, Washington DC - Principal-in-Charge

Woodland Park Zoo, Tropical Rain Forest Exhibit, Seattle, WA - Project Manager / Landscape
Architect

Megan Nielsen Hegstad, AIA

Associate Principal • Project Manager • The Portico Group

Registration

Architect in Washington

Education

Bachelor of Architecture with
Anthropology Minor, Summa
cum laude - University of
Tennessee, Knoxville, 2003

Kyoto, Japan Landscape
Architecture Summer
Program Participant -
University of Oregon, 2002

National Student Exchange
Participant - University of
Oregon, 2001

Affiliations

American Institute of
Architects, Associate
Member

Tau Sigma Delta Honor
Society

Golden Key Honor Society

National Society of Collegiate
Scholars

Practice

2010, Associate Principal -
The Portico Group

2009, Senior Associate -
The Portico Group

2006, Associate - The
Portico Group

2005, Intern Architect -
R2R studio, LLC

2003, Intern Architect -
Johnson Architecture, Inc.

2001, Teaching Assistant
- University of Oregon



Megan is an architect with design experience as well as experience in environmental education and visitor services at Memphis Botanic Garden. Megan's architectural design practice is enriched by her experience working in museum education and exhibit planning and installation. Megan contributes a dedication to client and consultant communication and project organization with an enthusiasm for interweaving architectural, educational, and natural elements for a unique visitor experience.

Relevant Project Experience:

Museums and Visitor Centers

One Vision Plaza, Knoxville Visitor Center, Knoxville, TN Intern Architectural Designer

Zoos and Aquaria

Chattanooga Zoo at Warner Park, Himalayan Passages Red Panda Exhibit, Chattanooga, TN Intern Architectural Designer and Construction Administration Assistant

Chattanooga Zoo at Warner Park, WP Ranch and Petting Zoo, Chattanooga, TN Construction Administration Assistant

Knoxville Zoological Gardens, Kids' Cove, Knoxville, TN Intern Architectural Designer and Construction Administration Assistant

Los Angeles Zoo, Pachyderm Forest Exhibit, Los Angeles, CA Architectural Designer

Los Angeles Zoo, Golden Monkey Exhibit, Los Angeles, CA Project Manager

New York Aquarium, Ocean Wonders Shark!, Brooklyn, NY Project Manager

Toledo Zoo, Elephant, Rhino, Hippo Exhibit, Toledo, OH Project Manager

Botanical Gardens and Arboreta

Pacific Connections Garden, Washington Park Arboretum, Seattle, WA

Parks and Public Spaces

City of Athens Parks and Recreation, Playground, Walking Paths, and Memorial Park, Athens, TN Intern Architectural Designer

Kingdom Come State Park, Master Plan for Environmental Education Center and Black Bear Habitat, Cumberland, KY Architectural Designer

Linden Amphitheater, Linden, NJ Intern Architectural Designer

2001, Drafter, Project Manager, & Installation Assistant Armand Johnson Cabinets

2000, Student Library Assistant - University of Tennessee Hodges Library

2000, Museum Education Instructor - Knoxville Museum of Art, Art Day Camp

1998, Environmental Education Instructor/Visitor Services Representative - Memphis Botanic Gardens

1997, Student Librarian - Andrews University Architecture Resource Center

Rowan Nature and Learning Center, Master Plan, Knoxville, TN Intern Architectural Designer

Rowan Nature and Learning Center, Phase I Exhibits (Black Bear, Bobcat, Bald Eagle, Turtle, and Entry Plaza), Knoxville, TN Intern Architectural Designer and Construction

Administration Assistant

Rowan Nature and Learning Center, Auditorium Building and Reptile Exhibit, Knoxville, TN

Intern Architectural Designer

Restaurants

Aubrey's Restaurants, Lenoir City and Knoxville, TN Architectural Designer and Construction

Administration Coordinator

Casa Don Gallo, Knoxville, TN Project Coordinator

Mellow Mushroom, Brookhaven, GA Architectural Designer

Panera Bread Bakery-Café, Locations in TN, NC, and GA Intern Architectural Designer and

Project Coordinator

Stir Fry Café at Turkey Creek, Knoxville, TN Construction Administration Coordinator

Saxbys Coffee, Freestanding Prototype Development and Spring Hill, TN Project Coordinator

Commercial

Animal Clinic East, Chattanooga, TN Construction Administration Assistant

Childhelp Village South Chapel and Residential Cottages, Seymour, TN Project Coordinator

Chilhowee Vet Clinic, Master Plan, Maryville, TN Intern Architectural DesignerThe Rush Fitness

Center at Lovell, Knoxville, TN Project Coordinator

Private Residences, Various Locations in TN Intern Architectural Designer

Stonegate Animal Hospital, Dandridge, TN Intern Architectural Designer

Talbots Call Center, Knoxville, TN Intern Architectural Designer

Awards

2012 AZA Significant Achievement Award

Los Angeles Zoo and Botanical Garden Elephants of Asia

2011 ENR California Landscape/Hardscape/Urban Development

Los Angeles Zoo and Botanical Garden Elephants of Asia

2003 Henry Adams AIA Certificate of Merit, University of Tennessee

2003 College Service Award, University of Tennessee

2002 General Shale Scholarship, University of Tennessee

1997 La Sierra University National Youth Art Exhibition Award of Merit

Bronwen Carpenter, ASLA, LEED AP BD+C

Senior Associate • Landscape Architect • The Portico Group

Registration

Landscape Architect State of Washington

LEED Accredited Professional



Inspired by nature and culture, Bronwen's desire is to bring communities together through public spaces. Her true love is travel and she tries to integrate her experiences and discoveries into her professional career. In every project, she hopes to find the balance of meaningful, aesthetic design that is environmentally responsible.

Education

2004, Bachelor of Landscape Architecture, Sustainable Environments Minor, Architectural Studies Concentration, Cum Laude, California Polytechnic State University, San Luis Obispo

2002, Architecture Program Participant, Denmark International Studies

Affiliations

American Society of Landscape Architects

Practice

2010, Senior Associate
- The Portico Group

2006, Associate - The Portico Group

2004, Landscape Designer
- The Lightfoot Planning Group

2003, Drafter/Assistant
- Amy Bartell

2002, Intern - Broussard Associates

2000, Tour Guide - Hearst Castle

Relevant Project Experience:

Public Gardens

Cleveland Botanical Garden Outdoor Garden Enhancements, Cleveland, OH Landscape Architect

Parks and Public Spaces

Eastgate Park Master Plan, Bellevue, WA Landscape Designer

Nisqually State Park Master Plan, Pierce County, WA Team Member

Osage Nation Campus Master Plan, Pawhuska, OK Landscape Architect

Zoos and Aquaria

Cheyenne Mountain Zoo, Colorado Springs, CO CAD Support & Renderings

Discovery Cove Freshwater Oasis, Orlando, FL Landscape Architect

Fresno Chaffee Zoo African Adventure, Fresno, CA Landscape Architect

Fresno Chaffee Zoo Sea Lion Cove, Fresno, CA Project Manager

Houston Wombat, Houston, TX Landscape Architect

Los Angeles Zoo and Botanical Gardens Elephants of Asia, Los Angeles, CA Project Manager, Landscape and Exhibit Designer

Minnesota Zoo Russia's Grizzly Coast, Apple Valley, MN CAD Support

Minnesota Zoo Snow Monkey Exhibit, Apple Valley, MN Project Manager

National Zoological Park American Trail, Washington DC Landscape Architect

Tracy Aviary Wilson Pavilion, Salt Lake City, UT Schematic Site and Landscape Designer

Child Care

Kiddie Academy, Oceanside, CA Landscape Designer/Project Manager (with The Lightfoot Planning Group)

Biological Enhancement

Collins Property Wetland, Oceanside, CA Lead Designer (with The Lightfoot Planning Group)

Residential / Mixed-Use

Guajome Crest Estates, Oceanside, CA Landscape Designer (with The Lightfoot Planning Group)

La Mision Village, Oceanside, CA Landscape Designer (with The Lightfoot Planning Group)

Presentation Materials

Hanson Aggregates Reclamation Plan Phases 3 & 4, Oceanside, CA Landscape Designer (with The Lightfoot Planning Group)

Volunteer Work

2012 Design charette for the Wilkeson Coke Ovens Park Master Plan (WASLA/NPS)

Languages

Conversational German

Awards

2012 AZA Significant Achievement Award, Los Angeles Zoo and Botanical Garden
Elephants of Asia

2011 ENR California Landscape/Hardscape/Urban Development, Los Angeles Zoo and
Botanical Garden Elephants of Asia

2010 Partnership for Community Design Award, Colorado Springs, Colorado
Cheyenne Mountain Zoo Rocky Mountain Wild

2009 ABC Rocky Mountain Chapter Award in Excellence in Construction: Electrical
Commercial
Cheyenne Mountain Zoo Rocky Mountain Wild

2009 AZA Top Exhibit Design Award, Minnesota Zoo: Russia's Grizzly Coast and Central
Plaza

2004 Wayne Grace Memorial Scholarship

Paul Sorensen, AIA, LEED AP BD+C

Senior Associate • Architect • The Portico Group

Registration

Architect in New York, Ohio,
Oregon, Washington

LEED AP BD+C Accredited
Professional

Education

Ministry of Education
Research Fellow - University
of Tokyo, 1993

Masters of Design Studies,
History and Theory of Urban
Form - Harvard University,
1987

Masters of Architecture
- Georgia Institute of
Technology, 1986

Bachelor of Science
- Georgia Institute of
Technology, 1981

Affiliations

U.S. Green Building Council

American Institute of
Architects

Practice

2000, Associate Principal -
The Portico Group

1996, Senior Associate -
The Portico Group

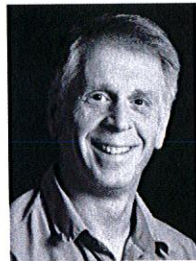
1996, Architect - JGA/DLR

1995, Urban Designer -
Mayer / Reed

1993, Architect - SMH
Architecture

1991, Architect - Azusa
Sekkei, Japan

1987, Designer - Wallace
Roberts & Todd



Paul is an urban designer, architect, and student of life. His watchful, thought-provoking and often humorous and affectionate view of the world gives Paul a unique perspective on design and the design process. He embraces an ethic that combines sustainability and practicality with the best of the human spirit, so that his projects are marked by careful but visionary, and sometimes playful, thinking. Paul's interest in community issues, development economics, and government policy – components that shape the built environment

– flourished while he earned a Masters in the Theory of Urban Form, and continue to enhance his response to patterns that emerge as projects progress.

Relevant Project Experience:

Civic and Urban Facilities

*J.D.Z. Middle School Conversion, Camas, WA Project Manager / Architect

Kent Town Square Park, Kent, WA Urban Design Architect

*Liberty Harbor, Jersey City, NJ Urban Designer

*Liberty Marina and Retail Village, Philadelphia, PA Urban Designer

*New York City Fire Department VE Analysis, Governor's Island, New York, NY Sustainability
/ Architecture

Point Defiance Pavilion, Tacoma, WA Project Manager / Architect

Seward Waterfront Study, Seward, AK Project Manager / Architect

*Shinkoyasu Office Development Project Master Plan Report, Yokohama, Japan Designer

*Tri-Met Lightrail Systemwide Signage and Graphics, Portland, OR Project Manager

*Tri-Met Lightrail Information Pylon, Portland, OR Project Manager / Designer

Interpretive Facilities

*Aspen Historical Society Museum, Aspen, CO Architect

Bear Paw Battlefield Visitor Facilities Feasibility Study, Nez Perce National Historical
Battlefield, MT Architect / Project Manager

Coos Head Eco-Tourism Feasibility Study, Charleston, OR Architect

Corkscrew Swamp Sanctuary, Audubon Society Visitor Center, Naples, FL Architect / Project
Manager

*End of the Oregon Trail Interpretive Preview Center, Oregon City, OR Architect

Fort Worth Nature Center and Refuge Planning & Analysis, Ft. Worth, TX Architect / Project Manager

Gateway to the Santa Monica Mountains Visitor Center, Leo Carillo State Park, CA Architect

Independence Visitor Orientation Center Plan, Independence, MO Architect / Project Manager

*Kagamigahara Airplane Museum Master Plan, Kagamigahara, Japan Architect

Kidzu Children's Museum, Chapel Hill, NC Project Manager

Mary Lowell Visitor Center, Seward, AK Architect / Project Manager

National Frontier Trails Center Expansion & Renovation, Independence, MO Architect / Project Manager

*Tamustalik Cultural Institute, Mission, OR Architect

Thornton Creek Environmental Learning Center, Seattle, WA Architect / Project Manager

USS *Bowfin* Submarine Museum and Park, Honolulu, HI Project Manager / Architect

Zoos and Aquaria

Calgary Zoo Antarctic Landing Penguin Exhibit, Calgary, Alberta, Canada Project Manager

Dallas Zoo Great Grasslands, Dallas, TX Architect

Fresno Chaffee Zoo African Adventure, The Lodge, Fresno, CA Architect

Happy Hollow Park & Zoo Master Plan, San Jose, CA Project Manager / Architect

London Zoo Clore Small Mammal Pavilion Renovation, London, England Project Manager / Architect

New York Aquarium Master Plan, Coney Island, NY Project Manager / Architect

Oregon Zoo Great Northwest Exhibits: Steller Cove, Portland, OR Project Manager / Architect / Exhibit Designer

Turtle Bay Exploration Park: Raptor Exhibit, Redding, CA Architect

Zoo Orlando at Sanford Schematic Design Phase I, Sanford, FL Project Manager / Architect

Botanic Gardens and Arboreta

Descanso Gardens Master Plan, La Cañada Flintridge, CA Project Manager

Garvan Woodland Gardens, Tree Houses for The Children's Adventure Garden, University of Arkansas, Hot Springs, AR Architect

The Holden Arboretum Long-Range Conceptual Master Plan, Kirtland, OH Project Architect

Mendocino Coastal Botanic Garden, Fort Bragg, CA Architect

Portland Japanese Garden, Portland, OR Architect

Prospect Park Skating Rink, VE Analysis, Brooklyn, NY Architect and Sustainability

* denotes project completed with a previous firm

Laura Bassett

Associate • Interpretive Planner • The Portico Group

Education

Master of Science -
Simmons Graduate School
of Library and Information
Science, 2012

Bachelor of Science, Magna
Cum Laude, Biological
Sciences and Animal
Science - Cornell University,
2005

Affiliations

National Association for
Interpretation

Practice

2012, Exhibit Content
Developer - The Portico
Group

2011, Exhibit Content
Developer - Amaze Design

2008, Senior Zookeeper -
Zoo New England

2007, Zookeeper - Zoo New
England

2006, Animal Handler - Feld
Entertainment, Ringing Bros.
and Barnum & Bailey Circus

2006, Keeper Intern -
Wildlife Safari

2005, Animal Nutrition Intern
- Lincoln Park Zoo



From stellar evolution to backyard bugs, Laura shares her delight in science by building personal connections between people and the natural world. Her experience as a volunteer interpreter and educational presenter give her uncommon insights into the particular needs of informal learning institutions and their visitors. She works closely with clients to identify the unique voice of the institution and build a compelling narrative around their collections, history, and message. Through tight collaboration with designers, Laura transforms complex concepts into engaging stories to inspire any audience.

Relevant Project Experience:

Museums and Interpretive Centers

Perot Museum of Nature & Science Discovering Life Hall, Dallas, TX Graphic and Interactive Content
Development (with Amaze Design)

Perot Museum of Nature & Science Dynamic Earth Hall, Dallas, TX Graphic and Interactive Content
Development (with Amaze Design)

Perot Museum of Nature & Science Expanding Universe Hall, Dallas, TX Graphic and Interactive Content
Development (with Amaze Design)

Tillamook Forest Center, Tillamook, OR Interpretive Planner / Content Developer

Zoos

Assiniboine Park & Zoo, Journey to Churchill, Winnipeg, Manitoba, Canada - Exhibit
Content Developer

Fresno Chaffee Zoo African Savanna, Fresno, CA - Exhibit Content Developer

Wildlife Safari, Winston, OR - Animal Husbandry and Conservation Educational
Presentation (with Wildlife Safari)

Zoo New England, Boston, MA - Exhibit Updates and Modifications, Animal Educational
Presentations (with Zoo New England)

Marcia Wagoner

Public Outreach Facilitator • Studio 3MW

Education

BA in Urban Design
University of Washington,
1970

L'Ecole des Beaux Arts,
Avignon, France, 1968

Awards

APA Award for "Connecting
Bellingham with the Bay"

Waterfront Center Award for
"Connecting Bellingham with
the Bay"

AIA Design Organization
Award

Howard S. Wright Award
for outstanding support of
the arts

Awards

PRR, Director of Community
Building, 1998–2006

Seattle Design Commission,
Executive Director, 1985–98

Public Art Space, Seattle
Arts Commission, Project
Manager, 1985

Seattle Arts Commission,
Art in Public Places Program
Coordinator, 1978–80

Office of Urban
Conservation, Program
Coordinator, 1975–78

Pioneer Square District,
Preservation Program
Coordinator, 1972–75

VISTA Volunteer



Marcia is an expert at effective integration of the public into design and environmental processes and in formulating strategies that bring divided bodies of constituents to agreement on pivotal issues. With experience in planning, urban design, public policy and public involvement, Marcia is respected for her leadership abilities and active engagement of the public and key stakeholders in shaping decisions. Marcia's 30 years in the industry have given her a

range of skills that include design and facilitation of internal development and visioning meetings, guiding innovative community involvement strategies, conducting charrettes and integrating culturally and linguistically diverse constituencies into decision making processes.

Relevant Project Experience:

Transportation Committee Charter Development, City of Bainbridge Island

Bainbridge Island Substation and Transmission Lines, Puget Sound Energy

Libraries for All Outreach Plan, Seattle Public Library

Bell Street Park Boulevard, City of Seattle

East Lake Sammamish Trail, King County

Neighborhood Plan Updates, City of Seattle

Off-leash Dog Area Pilot Sites, City of Shoreline

Richmond Beach Saltwater Park Master Plan, City of Shoreline

Fort Worden State Park Long Range Plan, Washington State Parks and

Recreation Commission

Connecting Bellingham with the Bay, City & Port of Bellingham

Bainbridge Island Terminal Improvements, Washington State Ferries

PC-1 North Site Redevelopment, Pike Place Market PDA

Northgate Town Center Community Workshops, City of Seattle

South Downtown Waterfront Master Plan Development and EIS, City of Seattle

Community Development Guide Update, City of Redmond

Kirkland Transit Center, Sound Transit

Fourth Avenue Cultural Corridor, City of Edmond

Bellingham International Airport Master Plan, Port of Bellingham

Anacortes Futures, City and Port of Anacortes

Connecting Redmond Transportation Master Plan, City of Redmond

Fremont Bridge Approach Replacement, City of Seattle

Michael Read

Communications Specialist • Studio 3MW

Education

Master of Architecture,
University of Washington,
1994

Bachelor of Arts,
Anthropology, Whitman
Collage, 1984

Employment

ReadWagoner, Partner,
2007-present

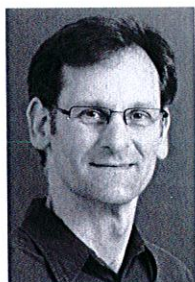
PRR, Group Account
Director, 1998–2007

Seattle Design Commission,
Project Manager, 1993–98

Seattle Department of
Construction & Land Use,
Urban Design Planner,
1997–98

Pen & Pencil, Ink, Owner,
1995–97

Mana Koa Design, Owner,
1987–90



Michael Read is an expert at developing communications and public involvement strategies that effectively inform and engage the public. Over the past 20 years, he has worked on a wide variety of planning and capital improvement projects involving complex issues. He excels at producing stakeholder workshops, facilitating discussion groups and crafting compelling documents that concisely describe transportation, urban design, planning, and public policy issues. His

portfolio includes many reader-friendly technical documents demanding subtlety and craft in both the written word and the graphic portrayal.

Relevant Project Experience:

Winslow Way Streetscape Design, City of Bainbridge Island
Waterfront Trail Map & Signs, Association of Bainbridge Communities (ABC)
Pritchard Park Interpretive Sign, ABC and Bainbridge Island Historical Museum
Bainbridge Island Substation and Transmission Lines, Puget Sound Energy
Bell Street Park Boulevard, City of Seattle
Fort Worden State Park Long Range Plan, Washington State Parks and Recreation Commission
Land Use Code Update, City of Bainbridge Island
Transportation Committee Charter Development, City of Bainbridge Island
Seattle Watershed Projects Map, Seattle Public Utilities
Libraries for All Outreach Plan, Seattle Public Library
Community Power Works, City of Seattle
City Green Building Energy Benchmarking Program, City of Seattle
High Point HOPE VI Community, Seattle Housing Authority
Citizen's Guide to Central LINK Light Rail, Sound Transit
Off-leash Dog Area Pilot Sites, City of Shoreline
TransValley Multimodal Transportation Study, King County
South Transfer Station Design-Build, City of Seattle
Bellingham International Airport Master Plan, Port of Bellingham
Denny Substation and Transmission Lines, Seattle City Light
Connecting Redmond: Transportation Master Plan, Redmond
Fremont Bridge Approach Replacement Project, City of Seattle
Cathcart Innovative Resources Recovery Facility, Snohomish County
Fuel Economy Label Design, US Environmental Protection Agency

José Carrasquero

Fisheries and Marine Biology Principal • Herrera

Credentials

M.S. in Fisheries, University of Washington School of Fisheries, 1997

B.S. in Fisheries, University of Washington School of Fisheries, 1995

José Carrasquero is a fisheries and marine biologist with 23 years of professional experience in fluvial and coastal ecological studies, instream habitat characterization, fish population assessment, habitat impact assessment, stream restoration, and ecological studies of estuarine systems. Mr. Carrasquero conducts all forms of biological assessments for habitat restoration, construction, and maintenance projects and participates in the design of instream, off-channel, and wetland habitat projects. Mr. Carrasquero has assisted Washington State Department of Transportation (WSDOT) and other state, federal, and local agencies to comply with the Endangered Species Act (ESA) and other environmental regulations. He has also reviewed numerous construction projects to assess whether they comply with ESA requirements. These project reviews evaluate construction plans, recommend best management practices (BMPs) and mitigation measures, and are coordinated with project managers to include these measures in the project design to facilitate concurrence with regulatory agencies. He has completed biological assessments for shoreline enhancement projects. In addition, Mr. Carrasquero assists tribes and federal, state, and local agencies to comply with the National Environmental Policy Act (NEPA). He has coordinated environmental permits including Clean Water Act section 404 and 401 permits, joint aquatic resource permit applications (JARPA), State Environmental Policy Act (SEPA) checklists, local permits, and Hydraulic Project Approvals (HPA).

Relevant Project Experience:

Secret Harbor Salt Marsh and Estuary Restoration, Cypress Island, WA

Piner Point Shoreline Restoration, Maury Island, King County, WA

Deception Pass State Park's Cornet Bay / Hoypus Point Day Use and Marine Facilities Re-Development, Whidbey Island, WA

Washington State Parks: Nisqually-Mashel State Park Master Plan, Pierce County, WA

The Puget Sound Nearshore: Interim Guidance for Planning and Regulation under the Growth Managements and Shoreline Management Acts, Seattle, WA

City of Bainbridge Island Best Available Science Review for Critical Areas Protection Plan Update, Bainbridge Island, WA

Manitou Beach Salt Marsh Restoration Feasibility Analysis and Preliminary Design, Bainbridge Island, WA

Amanda Azous, PWS

Science Director • Herrera

Credentials

M.S. in Environmental
Engineering and Science,
University of Washington,
1991

Bachelors of Landscape
Architecture, University of
Washington, 1979

Society of Wetland Scientists
Professional Wetland
Scientist Certification
No. 001067 in 1996, &
Recertified in 2008

Certificate in Decision
making for Climate Change,
University of Washington,
2010.

WSDOT Highway Runoff
Manual Training, Certificate
No. 1042

Amanda Azous has 21 years of experience in project management, environmental analysis and natural resources management. Ms. Azous' experience includes leading scientific studies and engineering design projects, restoration designs, environmental planning, preparing local and state environmental documentation, and leading permitting efforts. She specializes in restoration design of aquatic, riparian, shoreline and wetland ecosystems, is expert at designing for water level fluctuating environments, and has designed trails and other infrastructure elements for more urban environments. In addition, she has developed performance standards for aquatic resource restoration and mitigation projects, and provided environmental analysis and management planning to meet forestry, conservation, and stewardship goals.

Relevant Project Experience:

Secret Harbor Salt Marsh and Estuary Restoration, Cypress Island, WA

Elliott Bay Seawall Project Environmental Documentation Assistance, King County, WA

Assistance for the Bainbridge Island Shoreline Master Program Update, Bainbridge Island, WA

Puget Sound Nearshore: Interim Guidance for Planning and Regulation Under GMA and SMA,
Washington

Washington State Parks: Nisqually-Mashel State Park Master Plan, Pierce County, WA

Manitou Beach Salt Marsh Restoration Feasibility Analysis and Preliminary Design, Bainbridge
Island, WA

Jeffrey D. Parsons, PhD

Associate Geomorphologist • Herrera

Credentials

Affiliate Assistant Professor/
School of Oceanography
and Department of Civil &
Environmental Engineering/
University of Washington/
2000-present

Ph.D./ Civil and
Environmental Engineering/
University of Illinois at
Urbana-Champaign/ 1998

M.S./ Civil and Environmental
Engineering/ University of
Illinois at Urbana-Champaign/
1995

B.S./ Civil and Environmental
Engineering/ University of
Illinois at Urbana-Champaign/
1993

Jeff Parsons is a coastal geomorphologist with 15 years of both applied and research experience. Dr. Parsons brings an interdisciplinary approach to the solution of complex environmental problems by drawing on his diverse background in civil engineering, geology, and oceanography. He has developed engineering plans for restoration and infrastructure protection projects in a variety of settings, including beaches and salt marshes, like those found at Waterfront Park. In addition, he has performed basic research on sediment transport, led feasibility studies for habitat restoration efforts, and provided scientific input to planning decisions and engineering design. This work has included developing engineering cost estimates and design plans, acquiring survey for engineering design and hydraulic modeling efforts, and numerical and laboratory analysis. Dr. Parsons has also taught several courses at the University of Washington on coastal geomorphology.

Relevant Project Experience:

Dockton Park Shoreline Geomorphic Processes Assessment, Maury Island, WA

Secret Harbor Salt Marsh and Estuary Restoration, Cypress Island, WA

Assistance for the Bainbridge Island Shoreline Master Program Update, Bainbridge Island, WA

Piner Point Shoreline Restoration, Seattle, WA

WDFW HPA HCP Shoreline Modification White Paper, Washington

Greg Gilda, PE, SE, LEED AP

Principal • DCI Engineers

Education

B.S. Civil Engineering;
Cornell University, 1988

Graduate Degree Program in
Construction Management;
University of Washington,
Course work completed in
1997

Registration

Civil & Structural:
Washington and California
Civil: Colorado

Professional Societies

Structural Engineers
Association of Washington
(SEAW)

Emergency Preparedness
Committee, Board of
Directors 2002-2004

Earthquake Engineering
Research Institute (EERI),
Puget Sound Earthquake
Scenario Steering Committee

Associated Builders and
Contractors (ABC), Framer's
Council

City of Seattle CCAB

Greg Gilda has more than 25 years of experience in structural engineering and project management including the design for commercial, educational, residential, religious, and public projects comprised of concrete, steel, masonry and wood. He has extensive experience in specialty and exhibit structures for museums, cultural centers, and recreation facilities.

Greg has been an active member of the Associated Builders and Contractors Framers Council and is currently the Chair of the City of Seattle Construction Code Advisory Board. He has also served on the Board of Directors for the Seattle Chapter of the Structural Engineers Association of Washington and has provided post-earthquake building evaluation training (ATC-20) to local engineers and government personnel. Greg graduated from Cornell University with a B.S. in Civil Engineering and completed graduate coursework in Construction Management at the University of Washington.

Relevant Project Experience:

Spanaway Park, Lake Spanaway, Washington, Johnson Braund Design Group, Inc.

Woodland Park Zoo Penquin Exhibit, Seattle, Washington, Stantec

Little Bit Riding Therapeutic Arena, Redmond, Washington, CollinsWoerman

Lake Union Dock Evaluation, Seattle, Washington, Boozer Design

Redmond Transit Oriented Development, Redmond, Washington, Rutledge Maul Architects

The Station at Othello Park, Seattle, Washington, Hinthorn Mott

Brix Condominiums, Seattle, Washington, Schnitzer West, LLC

Metro 112 Mixed Use, Bellevue, Washington, Simpson Housing, Ltd.

Equinox Condominiums, Seattle, Washington, Schnitzer West, LLC

Circa Greenlake, Seattle, Washington, CollinsWoerman

Joule, Seattle, Washington, Essex Property Trust

Pine and Belmont, Seattle, Washington, Lenora Properties, LLC and Weber Thompson Architects

Esplanade at Mill Creek, Mill Creek, Washington, CAMS Construction Corporation

Parkside Villas, Bellevue, Washington, Dimensions Architecture and Planning

Ballard Communities Condominiums, Seattle, Washington, Triad Development

The Metropole, Seattle, Washington, Origin Development, LLC

45th and Bagley Apartments, Seattle, Washington, 45th and Bagley Properties, LLC and Weber Thompson Architects

Paul D. Rogness, PE, SE

Associate • DCI Engineers

Education

B.S. Civil Engineering;
Washington State University;
1998

M.S. Civil Engineering;
Washington State University;
1999

Registration

Civil & Structural:
Washington Civil: Alaska

Professional Societies

Structural Engineers
Association of Washington
(SEAW)

Post-Tensioned Institute (PTI)

American Concrete Institute
(ACI) Design Build Institute of
America (DBIA)

Publications

Heeringa, R.L.; Rogness,
P.D., *Revitalizing Hollywood &
Vine – Innovative engineering
provides solutions to complex
challenges.*; Structural
Engineer, April, 2009.

McLean, D.I.; El-Aarag,
M.H.; Rogness, P.D.,
*Retrofit of Split Bridge
Columns*; Washington State
Department of Transportation
(2001)

Paul Rogness has been a valued member of the DCI Engineers team for more than 13 years. He has provided project management and structural design for a number of waterfront docks, hotels, multi-family, office, mixed-use and mid to high-rise buildings of all material types. His responsibilities include project management, project design and coordination with the design team and construction support services. Rogness works to provide the owner with cost effective, efficient designs and attends to each client's needs in a timely manner.

Relevant Project Experience:

Dutch Harbor Dock Replacement, Dutch Harbor, Alaska, Delta Western
Dillingham Dock Retrofit, Dillingham, Alaska, Delta Western
Ocean Beauty Dock Addition, Naknek, Alaska, BKR & Associates
Naknek Fuel Dock, Naknek, Alaska, Delta Western
Peter Pan Dock Addition, Dillingham, Alaska, BKR & Associates
Sitka Fuel Dock, Sitka, Alaska, Delta Western
False Pass Dock, False Pass, Alaska, BKR & Associates
Crystal Mountain Gondola Stations, Crystal Mountain, Washington, ALH, LLC
Crystal Mountain Improvements, Crystal Mountain, Washington, ALH, LLC
Norm Dicks Government Center, Bremerton, Washington, LMN Architects
Courtyard by Marriott – Newark, Newark, California, Johnson Braund Design Group, Inc.
5th and Jackson Building, Seattle, Washington, Sclater Partners
220 Elliott, Seattle, Washington, Martin Selig Real Estate
428 Westlake Building, Seattle, Washington, CollinsWoerman
Treehouse Building, Seattle, Washington, Sclater Partners Architects
989elements Apartment Tower, Bellevue, Washington, Su Development
Marina Suites – Yarrow Bay, Kirkland, Washington, CollinsWoerman
Woodlands Technology Campus, Bothell, Washington, Mulvanny G2 Architecture
Civica Office Commons, Bellevue, Washington, Schnitzer West, LLC
North Creek Technical Campus, Bothell, Washington, Schnitzer West, LLC

John Langer

Cost Consultant • John Langer Consulting

Education

Civil Engineering Major,
University of Washington
Executive Management
Program, University of
Washington

Areas of Expertise:

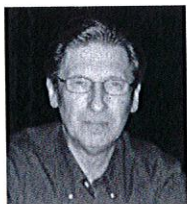
Project Management, Cost
Estimating, Claims Analysis,
Value Engineering,

Technical Competence and Quality

Familiar with WSDOT and
FHWA requirements

Strong Inter-personal Skills

Planning and Scheduling
Large Complex Projects



John has over 42 years of experience in the construction industry, the majority of which has been Project/Program Management of large fast-track projects. Types of projects and industries served include nuclear and fossil-fueled power plants, offshore oil drilling and production facilities, K-12 construction, wastewater plants, highway and large civil projects, and micro and biotechnology facilities. In

addition, he has been involved with development of and implementation of cost estimating and project control systems for several large construction companies. John currently provides cost analysis, constructability review and value analysis to several Puget Sound architectural and engineering firms as well as governmental agencies.

For over nineteen (19) years John has provided cost estimating, Value engineering and Constructability Review services to the Portico Group. Projects include zoos and aquariums, historical monuments, parks and playfields, interpretive centers and trails.

- » **Landsberg Park** including site renovations and new fish laboratory and control building. Provided cost estimating and life cycle analysis for TetraTech / Seattle Public Utilities.
- » **Mapes Creek relocation**, City of Seattle and USACE, provide cost estimating and life cycle costing and civil design support for the Value Engineering study completed in February, 2011
- » **Washington Park Arboretum** (with The Portico Group), developed concept level costing for the master plan for the development of the Arboretum. Developed cost estimates for the Pacific Connection Gardens and provided constructability review services.
- » **Journey to Churchill** (with The Portico Group) for the Winnipeg ONT Zoo including constructability review of three tendered project.
- » **Decatur Park** (with The Portico Group) for the City of Olympia, including development of cost estimates and constructability review.
- » **Eastgate Area Master Plan** (with The Portico Group) City of Bellevue Parks, developed concept level costing for the master plan for the development of the park and associated playfields, completed in August, 2010

Heritage Park: Washington State Capitol Expansion Olympia, Washington

Client:

City of Olympia

State of Washington,
Washington State Law
Enforcement Foundation

Role:

Architects
Landscape Architects
Interpretive Planners

Status:

Isthmus Park Concept
Completed 2010

Awards:

Historic Preservation Award –
City of Olympia, Washington

Washington's Public
Architecture Award:
Imagination, Innovation
and Achievement

Washington Chapter ASLA
Merit Award

California Chapter ASLA
Honor Award

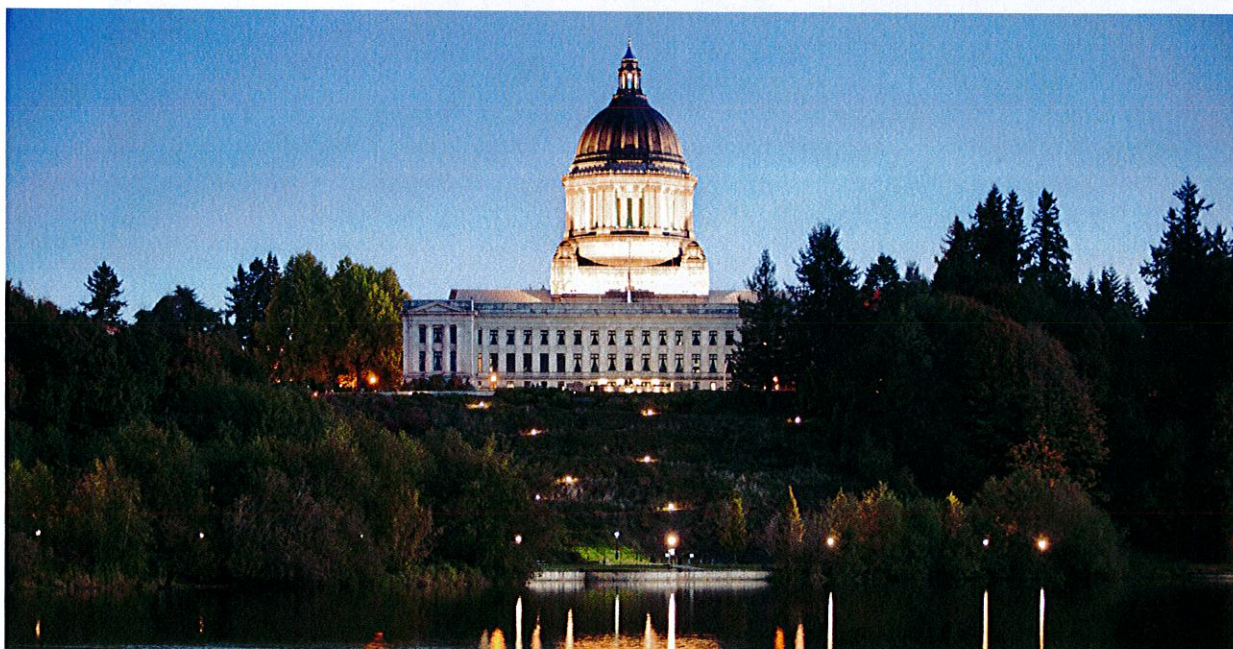
American Planning
Association Honor Award

Heritage Park is a 24-acre Washington State Capitol Campus Expansion.

The urban park block, its central lawn ellipse, and its Fountain terminate the historic Wilder & White Axis and public Esplanade, connecting the State Capitol Building to the city of Olympia and Budd Inlet.

The Portico Group was responsible for creating and enhancing 9.4 acres of wetlands along the south shore of the Middle Basin of Capitol Lake.

The most recent completion of work at Heritage Park is the Washington State Law Enforcement Memorial overlooking the park from a bluff north of the Washington State Capitol Temple of Justice.



Marina Park Renovation Kirkland, Washington

Client:

City of Kirkland
Department of Parks
and Recreation

Role:

Landscape Architects

Status:

Completed 1993

Awards:

ASLA Merit Award

Marina Park is located at the heart of Kirkland's central business district. Its Lake Washington access, southwest sun exposure, and sense of place within the historic town center make it an enviable downtown park. The renovation plan addressed deteriorating portions of the park and proposed a simplified park organization. It focused on its inherent strength - The Lake Washington Beach and the Pavilion / Amphitheater complex.

The design for Marina Park created the main front door and entry plaza at Kirkland Avenue. A waterfront promenade for strolling, seating, and people watching provides the main spine of the park. It links the major park spaces and uses, including: the Kirkland Wharf, the Marina, the Beach and Crescent, the Pavilion, the Amphitheater, and the Boat Launch. The Lake Washington Beach and Crescent is the major organizing element of the park. It includes an expanded cobble and sand beach and seatwall edge, and a continuous sunning lawn between the Kirkland Wharf and the Pavilion.



Pearl Harbor Visitor Center Honolulu, Hawaii

Client:

National Park Service
United States Navy

Role:

Architects
Landscape Architects
Concept Exhibit Designers

Status:

Opened December 7, 2010

Awards:

ENR California – Best Cultural
Project Award

The USS *Arizona* memorial has become the most popular visitor attraction in Honolulu, and the annual visitation of 1.5 million is double the carrying capacity of the former shore-side visitor center. The new museum and visitor center expands the areas for visitor gathering and memorial ceremonies, develops new museum exhibits, renovates the theaters for the film presentation, improves visitor amenities, and provides several new offices for park staff.

Portico's approach was to create a campus of unified small-scale buildings housing the museum and visitor center, with a focus toward the view out to the floating memorial structure, while maintaining the solemnity of the memorial and historic site.



The project incorporates sustainable design features and was designed to achieve LEED Gold certification. The buildings are predominately open-air, cooled by natural ventilation as a result of their orientation to the trade winds. Venturi effect-inspired roof forms capture the breezes and generous overhangs provide shade on hot, humid days and protection from periodic rainstorms. Use of recycled and recyclable materials, and energy-efficient equipment and fixtures will also contribute to the "green" qualities of this important landmark.



Oahu Plaza

Ocean Wonders: Shark! New York Aquarium Brooklyn, New York

Client:

New York Aquarium
Wildlife Conservation Society

Role:

Architects
Landscape Architects
Exhibit Designers

Status:

Contract documents to be
complete March 2012

Awards:

2012 Public Design Commission
of the City of New York Award
for Excellence in Design

This project, "Ocean Wonders: Shark!" activates the edge between the New York Aquarium and the Coney Island boardwalk, reconnecting New Yorkers with their natural environment. The building's fluid geometry resembles landforms carved by water. The architecture uses wind, sunlight, and salt air to enchant visitors with an ever-changing façade that is aquatic in appearance, fluid, and shimmering. Integral to the design is a spiral ramp that unveils magnificent ocean views and leads visitors to a roof deck with interactive spaces. From within the aquarium, visitors will experience new ways to understand sharks and their plight for survival.

Ocean Wonders is designed to engage the community, providing food service and seating options along the adjacent boardwalk, as well as small, approachable exhibits set within the beach-facing side of the building. Additionally, the design team is working to achieve a minimum goal of LEED Silver certification. Unique aquarium requirements include ocean-side water quality and energy management.



Happy Hollow Park & Zoo San Jose, California

Client:

San Jose Public Works

Role:

Architects
Landscape Architects
Interpretive Planners
Exhibit Designers

Status:

Opened March 2010

Awards:

Acterra Business
Environmental Award –
Sustainable Built Environment

Happy Hollow Park & Zoo provides an affordable, sustainable, conservation-centered outdoor adventure for families with children aged two through 10. With its reopening in March 2010, the newly renovated park and zoo continues its nearly 50-year legacy of integrating children's rides, a puppet theater, play areas, and an accredited zoo into one exciting attraction. The Portico Group's team of interpretive planners, landscape architects, architects, and zoological exhibit designers provided comprehensive design services throughout the project.

The new Happy Hollow combines innovative green architecture with whimsical fun and was awarded LEED® Gold Certification from the U.S. Green Building Council. The \$72 million project included renovation of the 12 acres of existing ride areas and zoo, as well as addition of four acres to the facility, which features several new animal exhibits, veterinary and commissary buildings, an education center, guest services and gift shop, concessions, new parking lot, and pedestrian bridge.



Above: A truth drawer allows visitors to examine the straw bale constructed walls.



Top Right: Green roofs, local materials, natural ventilation and daylighting are part of the design strategies supporting LEED® Gold Certification.

Runoff from the adjacent entry buildings and plaza flows down a grate-covered runnel into a lawn spiral where it is cleansed and absorbed into the ground.

Nisqually State Park Eatonville, Washington

Client:

Washington State Parks and
Recreation Commission

Role:

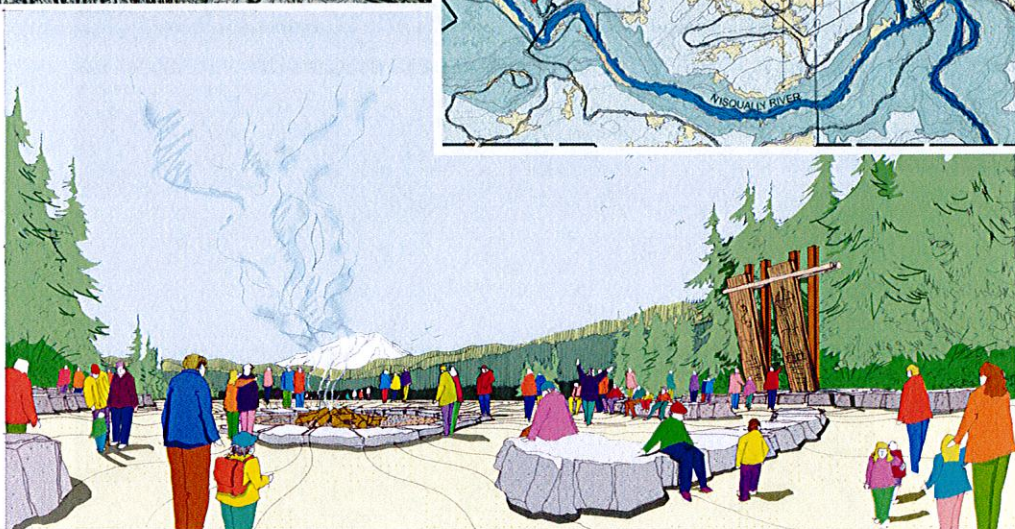
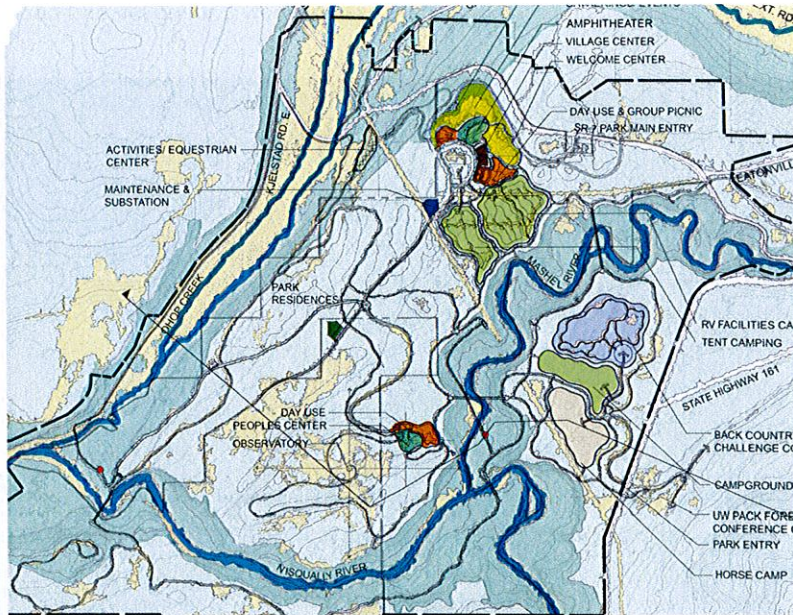
Architects
Landscape Architects
Interpretive Planners

Status:

Master Plan Completed 2009

The Nisqually State Park was a priority acquisition and planning project for the State, the University of Washington's Center for Sustainable Forestry at Pack Forest, and local community and Nisqually River stakeholders, including the Nisqually Tribal Park Committee. The park was designated a Centennial Centerpiece Park – a new state park for the 21st century. As part of the planning process, The Portico Group developed research into the historical, cultural, and natural systems of the site. The interpretive component of this Master Plan identifies the park's "main message" as the story of thousands of years of interaction - past, present and future - between human beings and the unique landscape of Nisqually State Park:

Squalli-Absch: The people of the river, the people of the grass. For over 10,000 years we have lived here—as we do now, a part of the land. Changing with the season, from camp to camp—adapting to the environment around us.



The Observatory.

Washington Park Arboretum Master Plan Seattle, Washington

Client:

Seattle Department of Parks and Recreation

University of Washington
Botanic Garden

Arboretum Foundation

Role:

Architects
Landscape Architects
Interpretive Planners

Status:

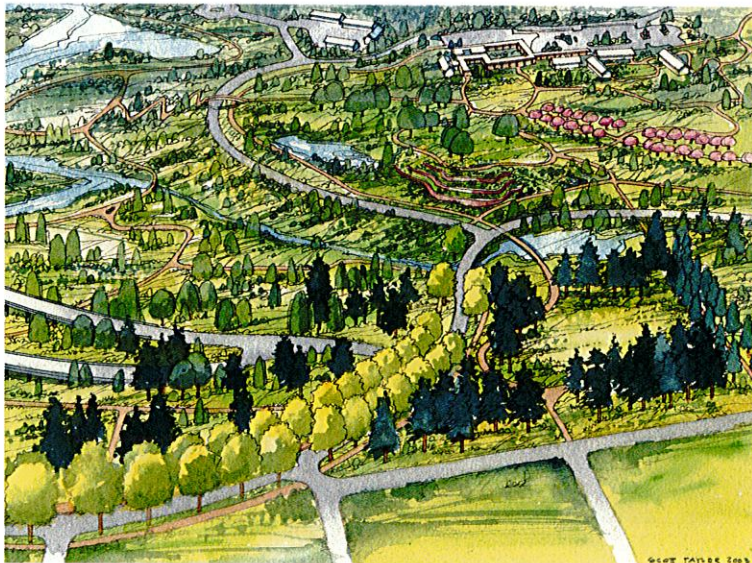
Master Plan completed 2001
Implementation Plan completed 2003

The Portico Group worked with the Arboretum Foundation, the University of Washington and the City of Seattle Parks & Recreation Department on the creation of a visionary Master Plan and a detailed Implementation Plan for the Washington Park Arboretum.

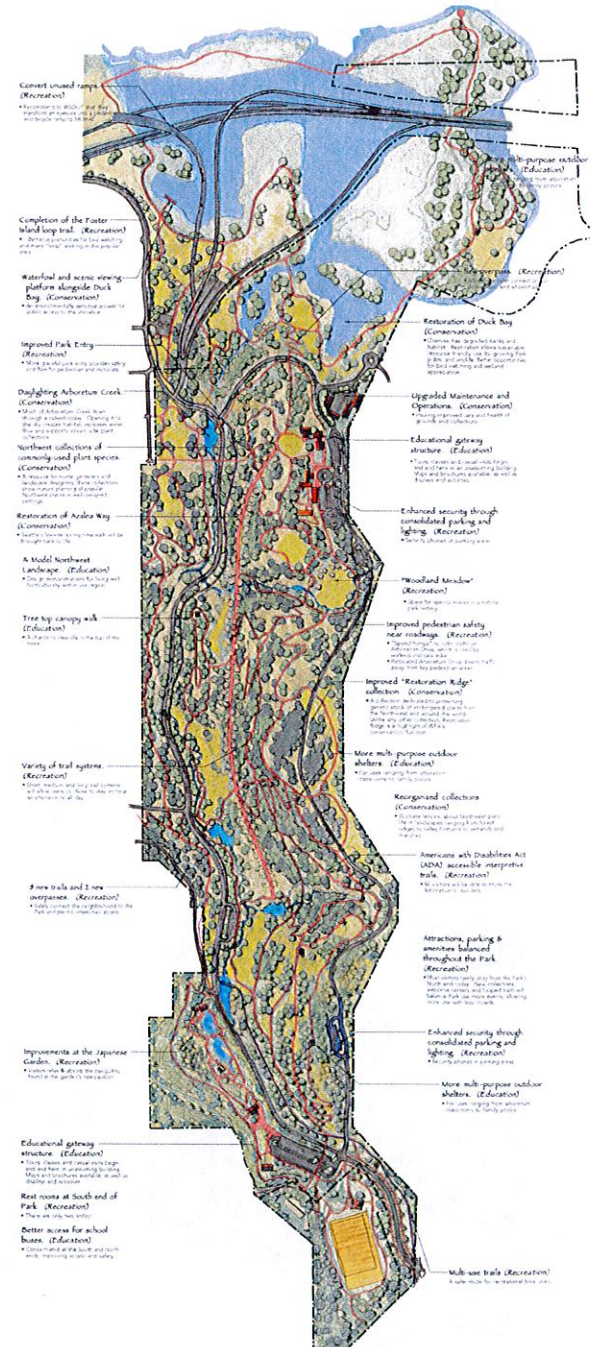
The Master Plan identified long-range strategies to manage the living museum of plant collections. Specifically, the plan addressed management issues, physical conditions, circulation concerns, garden displays, and plant collection guidelines — as well as

education, research, and advocacy programs. All of these areas will make the facility more relevant to the Puget Sound region. Since ecology, conservation, and education are more compelling issues today than in 1934, when the Arboretum was originally designed by the Olmsted Brothers, the value of a world-class arboretum to the community has greatly increased.

Portico's approach included a "vision team" workshop series composed of recognized national experts from other world-class public arboreta and gardens as well as a panel of local special interest groups and public meetings to generate interest, feedback and support.



North Entry



Washington Park Arboretum Pacific Connections Garden Seattle, Washington

Client:

Seattle Department of Parks and Recreation

Role:

Architects
Landscape Architects
Interpretive Planners
Exhibit Designers

Size:

14 acres

As the first major undertaking of the Washington Park Arboretum Master Plan, the Pacific Connections Garden project displays plants selected from five geographic regions of the world for their ecological appropriateness to Seattle and the Puget Sound region. The geographic collections allow the visitor to compare and contrast plant communities of the Pacific Northwest cool winter-rain, summer-drought climate with other similar climates found in Cascadia (Northern California, Oregon and Washington), central Chile, eastern Asia, New Zealand, and southeastern Australia.

The interpretive approach for the Pacific Connections Garden was a response to the University of Washington's desire to grow and display plants and interpret them as a larger ecological system. This led to the idea of gradually moving away from the arboretum's origins as a taxonomic collection toward a collection based on ecological connections within plant communities.

The design of the garden integrates wayfinding and interpretive delivery methods in ways that allow the natural environment to be the primary visitor experience. The majority of the interpretive messages are located at the interpretive shelter and at a central interpretive node within each of the five immersive forest exhibits. Cut-out metal screens, using the pattern of the Pacific Northwest's iconic western red cedar, provide the substrate for the interpretive panels. The panels convey the nature of a place, compare each of the five geographic regions, describe the sustainable approach to the collections, and illustrate human use of plants.



An organizing Pacific Rim Meadow includes open space for informal gatherings, an interpretive shelter, a trailhead, and collection preview plantings for each of the geographic collections that act as an introduction to the larger adjacent exhibits.

Kent Town Square Plaza Kent, Washington

Client:
City of Kent

Role:
Architects
Landscape Architects
Exhibit Designers

Status:
Completed 2008

Size:
33,500 square feet

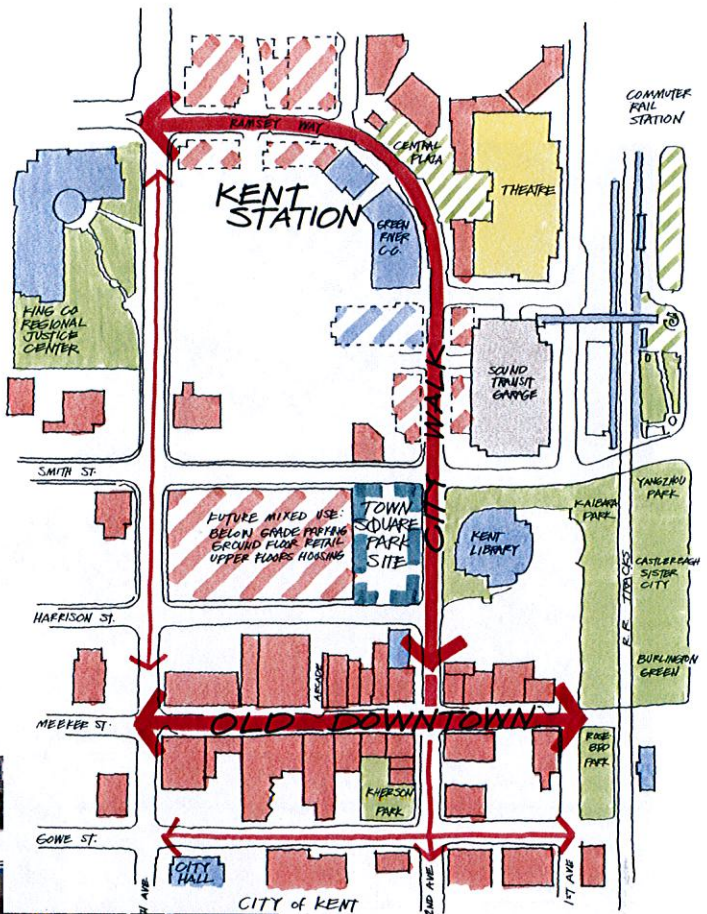
Awards:
Washington Aggregates and Concrete Association Grand Award – Architectural Decorative Concrete

Washington Recreation & Park Association Spotlight Award – Best Park - Class I

Drip, drop, plop, and splash – the town square has become an interactive sculpture of water and delight. This playful urban plaza is a living space promoting engaging activities with nodes for rest, socializing, and reading. Linking new residential, retail, and transit development with the historic downtown core and regional library, the Kent Town Square Plaza provides community space for a farmers market, community festivals, live music, plays, and seasonal activities.

The design draws on the culture, history and environment of the South Puget Sound region, the Green River valley, and the city of Kent to create a place that is rich in character and an enjoyable experience.

The resulting plaza design creates a focal point fountain where three rain drop inspired fountains, one with the central sphere, express the ever-changing pattern of raindrop splashes on the plaza surface. The paving pattern of intersecting concentric rings represent the ephemeral pattern of drops, played out through the use of concrete paving tinted in a range of blues, beiges and reds representing the Green River valley floor.



Above: Kent City Walk planning diagram



Saturday Farmers Market at Kent Town Square Plaza.

National Zoological Park American Trail Exhibits Washington D.C.

Client:
National Zoological Park

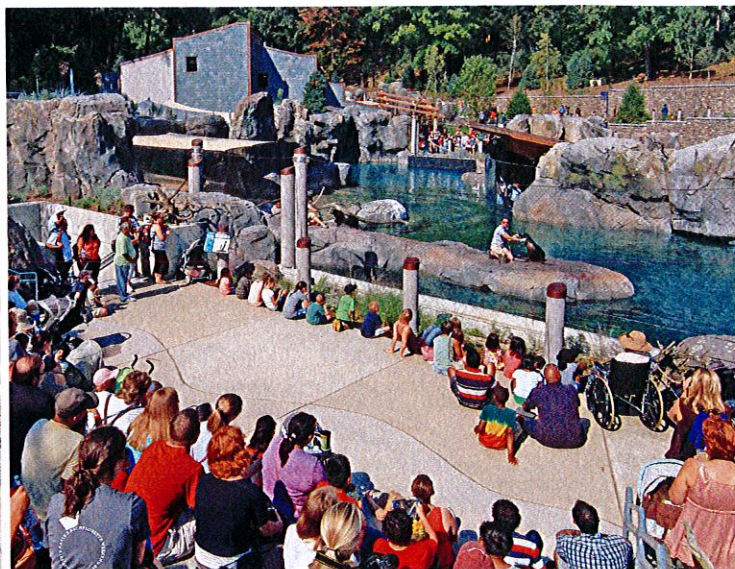
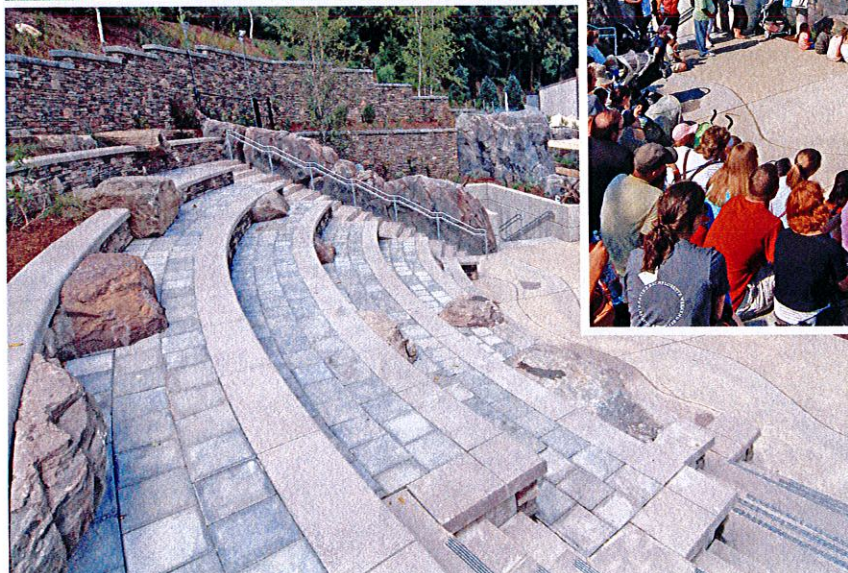
Role:
Landscape Architects
Interpretive Planners
Exhibit Designers

Status:
Opened September 2012

The upper portion of the Zoo's America Trail is home to river otters, American beavers, grey wolf, and bald eagles. These renovated exhibits begin at the headwaters of the stream that courses down this valley towards the Pacific Coast exhibits. Surrounded and framed by mature native oak and tulip trees this setting immerses the visitor in a typical eastern hardwood forest that is home to these North American animals. At the base of the stream visitors are invited to literally get their feet wet while experiencing the grey seal, California sea lion and brown pelican exhibit. The experience centers on the animals and landscape that define and characterize the spectacular Pacific Coast.



Animal care is a primary goal of the National Zoo. This mission called for upgrades to the former out-of-date life support system building, animal program, and leaking exhibit pools for seals and sea lions. While looking at the much-needed upgrades, the new design also allows for increased animal enrichment through wave machines, an ADA-compliant visitor path, and a more immersive visitor experience.



Indefinite Delivery/Indefinite Quantity A/E Services Contract

Lake Tahoe Basin, California, Nevada

Client:

US Dept. of Agriculture Forest Service, IBET Province, Inyo National Forest, Lake Tahoe Basin MU, Eldorado National Forest, Tahoe National Forest

Role:

Architects
Landscape Architects
Interpretive Planners

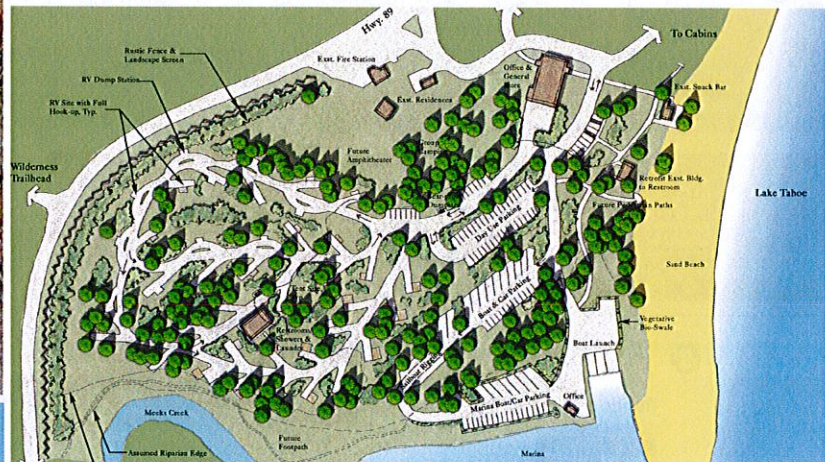
Status:

Completed 2009

The Portico Group worked with K.B. Foster Civil Engineering on planning a hiking trail to Lake Tahoe that passes among a field of large glacial erratics that have been used for over 10,000 years by Washoe Tribe or Lam Watah as grinding stones. The project included trailhead improvements and site restoration at one of Lake Tahoe's most popular back country trail and design for a new visitor center alongside Taylor Creek that will provide a focal point for environmental education activities in the basin. Additional projects associated include renovation of lakeside camping and boat launching facilities and bicycle path connections as well as enhancement of the public spaces of the Tahoe Basin's new administrative headquarters building.



These projects, were completed as part of a three-year indefinite delivery/indefinite quantity A/E services contract, Prior to this contract Portico was responsible for the Stream Profile Chamber at Taylor Creek.



Above: The completed Lam Watah Trail is ADA compliant and offers visitors a thoughtful transition to viewing the tribe's grinding stones.

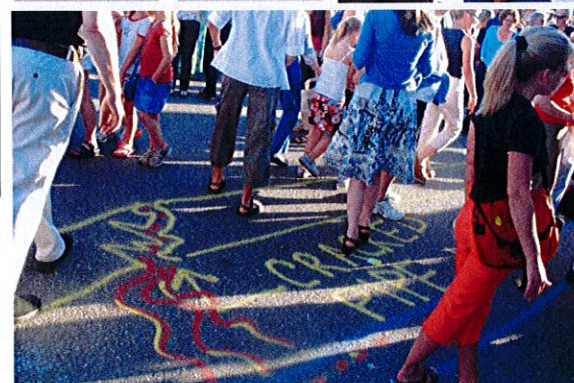
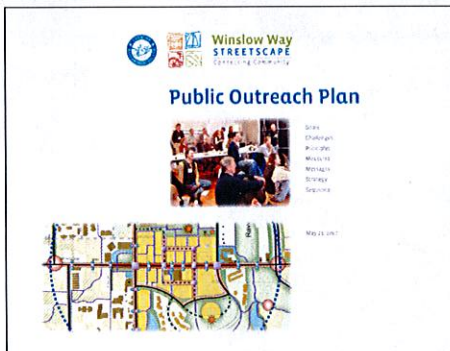
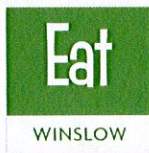
Left: Taylor Creek Visitor Center North Elevation

Winslow Way Design & Reconstruction City of Bainbridge Island

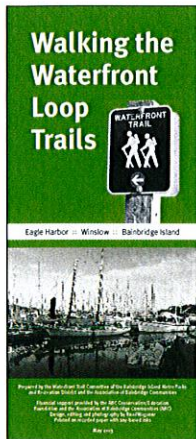
Client:

City of Bainbridge Island

With Winslow Way about to be torn up from storefront to storefront, we were called upon to remind islanders to keep coming downtown during this big construction project. To help the merchants stay in business when access to their shops was severely compromised, we amplified a nascent 'Buy Local' campaign with strategic marketing during the summer tourist season and again during the holidays: folk art, road signs, video displays, counter cards, banners, a hyper-local blog, a street-side mural, scavenger hunts, construction concierges and paid advertisements in the local newspaper.



Waterfront Trail Map Association of Bainbridge Communities



Eagle Harbor

Today Eagle Harbor is the busiest port on Bainbridge Island. In addition to serving Washington State Ferries, the harbor also supports a number of marine and yacht clubs. Rowers in shells and students in small sailboats are often seen enjoying the harbor.

In the early 1900s, a shipbuilding operation was relocated from near the Port Bakery to Eagle Harbor. One historic site is the historic Winslow House, built in 1902. The house is a fine example of the Craftsman style and is now the home of the Bainbridge Island Historical Museum. Call 360.737.2272 or visit www.bainbridgehistoricalmuseum.org for more information.

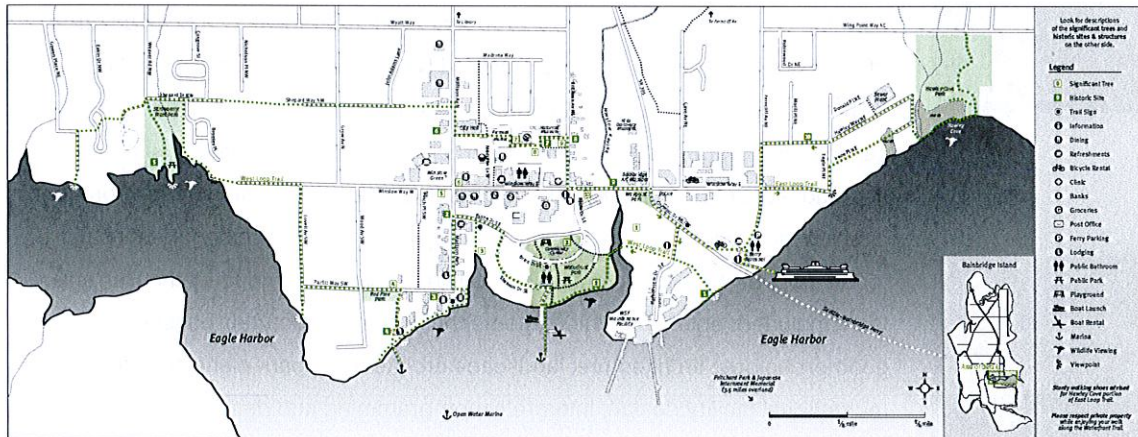
Although far from its natural state, wildlife can still be found in the harbor. River otters enjoy the docks and great blue herons and cormorants can be found on pilings. Canada geese cruise the waters, and bald eagles and osprey can occasionally be seen soaring overhead.

Significant Trees

1. Douglas fir is native to this harbor. It is found in the downtown area at the foot of the hill.
2. Spruce of Maritima is a native tree found in the downtown area.
3. Native plants and trees started here in 1902 by the waterfront trail committee.
4. English yew planted by Mr. Crow in front of historic Captain's House. One tree is still standing.
5. A red cedar is located in the downtown area and is a landmark tree. It is a native tree.
6. A redwood, Pseudotsuga, is a state champion measured 100 feet tall.
7. Japanese Land of Maple (Dahurica) is a rare specimen located in the downtown area. It is a native tree.
8. A redwood is located in the downtown area. It is a native tree.
9. A redwood is located in the downtown area. It is a native tree.
10. A redwood is located in the downtown area. It is a native tree.

Historic Sites & Structures

1. The old Winslow Shipyard was relocated here from Port Bakery in 1902. The town of Winslow changed its name to Winslow after the shipyard was built. The shipyard was built in 1902 and was used for shipbuilding until 1960. The shipyard was built by the Winslow family.
2. The Winslow House, built in 1902, is a fine example of the Craftsman style. It is now the home of the Bainbridge Island Historical Museum.
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Pritchard Park Interpretive Display Association of Bainbridge Communities & Bainbridge Historical Museum

Wood Treatment Plant 1904-1988

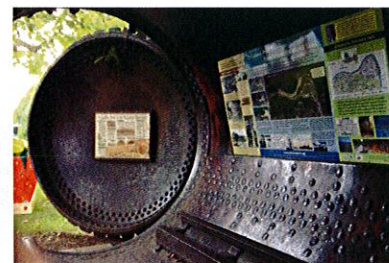
Prior to the 1980s, Bainbridge Island had a wood treatment plant. The plant was used to treat wood from the local timber industry. The plant was located in the downtown area of Bainbridge Island. The plant was used for wood treatment until 1988, when it was closed. The site is now Pritchard Park.

Pritchard Park Emerges from Industrial Waste Land

The Pritchard Park Interpretive Display is a project of the Association of Bainbridge Communities and the Bainbridge Historical Museum. The display is located in Pritchard Park, which was formerly an industrial waste land. The display tells the story of the park's transformation from an industrial waste land to a public park. The display includes a map of the park, a timeline of the park's history, and a list of the park's features.

A Vision for Pritchard Park

Pritchard Park will become a popular regional destination, home to the Bainbridge Island Japanese American Cultural Museum, a historical site, and a recreational area. The park will also be a place where the community can come together to enjoy the outdoors. The park will be a place where the community can come together to enjoy the outdoors. The park will be a place where the community can come together to enjoy the outdoors.



Cornet Bay and Hoypus Point Improvements at Deception Pass State Park Oak Harbor, Washington

Client:

Washington State Parks

Status:

Completed 2012



Herrera lead the retrofit planning and design of Deception Pass State Park's Cornet Bay / Hoypus Point Day Use and Marine Facilities. The project upgraded and expanded the Cornet Bay Day Use Area and marine facilities. The project evaluated three major elements: 1) Marine Facilities Re-Development (pier and floats replacement); 2) Day Use Facility Upgrade (including Trail to Hoypus Point and a boat ramp); and 3) Habitat Restoration (including Bulkhead Removal).

Cornet Bay and Hoypus Point, situated in the southeastern area of Deception Pass State Park on Whidbey Island, provides access to water related activities and also provides upland opportunities and connections to the network of trails on Hoypus Hill. Visitors to the area arrive by boat or car and have an opportunity to picnic along the upland shoreline, fish from a pier, launch from a newly updated six lane ramp, utilize the overnight boat moorage and access an array of marine related visitor services provided by adjacent businesses. Additionally, Cornet Bay is within important migratory corridors for local populations of salmon and forage fish, and provides crucial foraging and refuge areas in nearshore sand, gravel, and mud/eelgrass habitats. This nearshore environment also functions as spawning habitat for forage fish – a major category of prey for salmon, birds, and the entire food chain. Services provided by the Herrera team included: engineering (civil, geotechnical, and structural); coastal geomorphology; architecture; landscape architecture, park planning, and recreational facility design; interpretive programming and design; environmental assessment and permitting; construction permitting; cost estimating; and construction administration. The upgrade was completed in 2012 and included a new comfort station including a kiosk, restrooms, showers and stamped concrete surrounds all based on CCC architecture. The upgrade also included a new CCC style picnic facility, stormwater treatment rain gardens, improved access to the boat launch, and upgrades to the water system.



Before



After

Scientific/Technical Assistance for the City of Bainbridge Island Shoreline Master Program Update Bainbridge Island, Washington

Client:

City of Bainbridge Island

Status:

Completed 2012

Herrera assisted the City of Bainbridge Island with updates to their Shoreline Master Program. Herrera prepared an addendum to the City's existing Summary of Science that provides recent scientific information related to:

- » Ecological and functional impacts of shoreline modifications and the relationship to no-net-loss;
- » Ecological role of riparian vegetation in marine shoreline environments;
- » Specific impacts on habitat that occur from development in the shoreline zone, with an emphasis on residential development; of buffer widths with respect to existing regulations, geomorphic conditions, and shoreline vegetation.

The addendum also discussed gaps in scientific knowledge, scientific uncertainty, and effects of stressors on nearshore functions. In addition to the addendum, Herrera provided a consistency analysis of the City's draft shoreline regulations; a cumulative impacts analysis; and a restoration plan that identified conservation priorities, degraded areas, and provided restoration and conservation strategies. Herrera also prepared a shoreline mitigation manual for single-family residence property owners wishing to replace or develop structures in shoreline buffers. Finally, Herrera assisted the City of Bainbridge Island with updates to their Shoreline Master Program. Herrera has also prepared several documents for the City, including Best Available Science Summary, a Restoration Plan and a Spit Science Summary for Point Monroe, a spit on the northeastern end of the island. Point Monroe residents requested that the City provide an analysis to help enable a scientifically based approach to the development of shoreline management regulations to suit their unique situation, which includes extensive development, bulkheading, and a stormwater outfall in a lagoonal environment that possesses endangered species.



Bremerton Overwater Park Bremerton, Washington

Project Type

Government, Recreation

Project Classification

Structural

Owner

City of Bremerton

Contract Type

Consultant

Square Footage

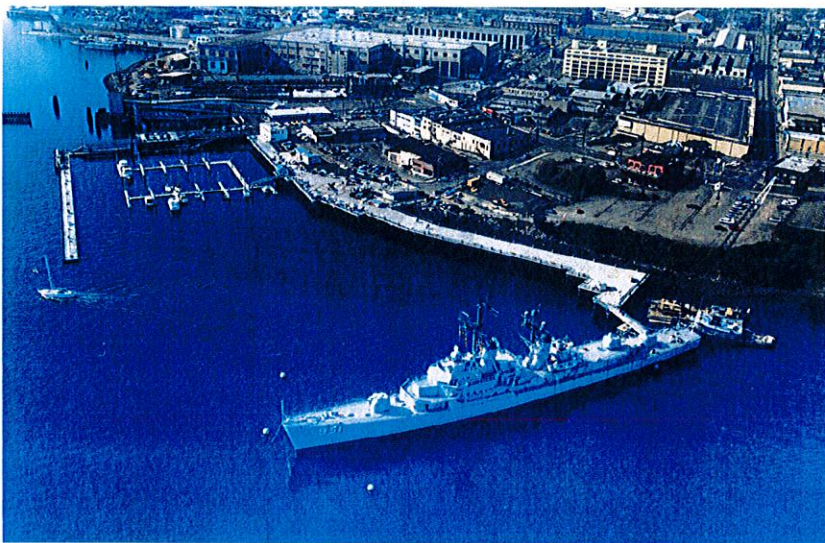
42,000

Construction

Concrete

DCI Engineers provided structural engineering services for this 800' long, 42,000-sf waterfront boardwalk park located in Bremerton, Washington. In addition to the other features of the park, the boardwalk accommodates a historic shipbuilding exhibit weighing more than seven tons.

The waterfront structure utilizes a precast concrete decking system supported on precast concrete piling, and is design to accommodate fire truck access along its full length. The design included a 37'-long finger pier to a permanently moored naval frigate, as well as structural interfacing to accommodate gangways and ramps to both the ship and an adjacent floating marina. An elevated foundation was design for a future gift shop and ticket booth for tourist activities. The boardwalk features a shoreline transition zone, where the concrete structure becomes a bulkhead for a shoreline park. Management of the project also included coordination with mechanical and electrical needs for suspended utilities and existing buried utilities.



Scientific/Technical Assistance for the City of Bainbridge Island Shoreline Master Program Update Bainbridge Island, Washington

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Status:

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Bremerton Overwater Park Bremerton, Washington

Project Type

Government, Recreation

Project Classification

Structural

Owner

City of Bremerton

Contract Type

Consultant

Square Footage

42,000

Construction

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Dutch Harbor Dock Replacement Dutch Harbor, Alaska

Project Type
Industrial, Port

Project Classification
Structural

Client
Delta Western

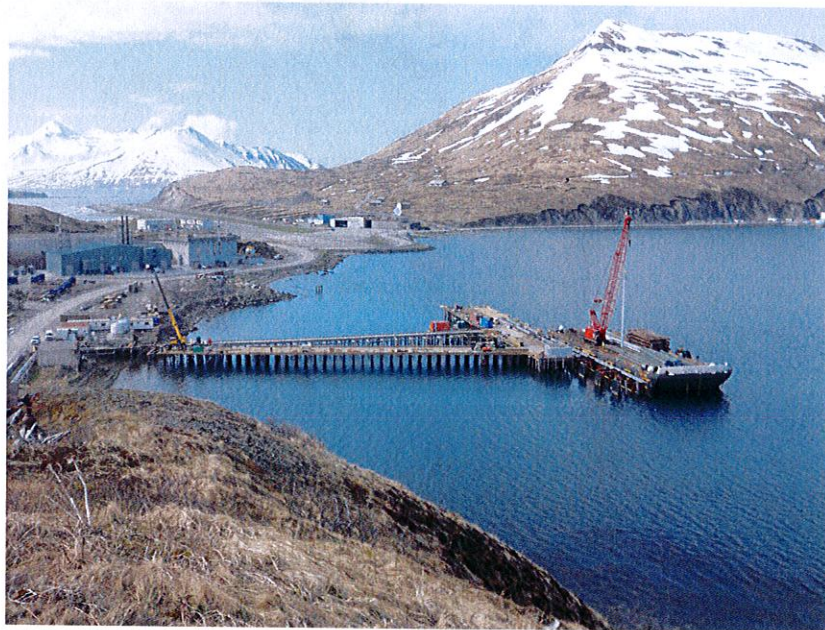
Contract Type
Consultant

Square Footage
24,660

Construction
Heavy Timber, Structural Steel,
Timber Piles, Steel Piles

DCI Engineers provided structural engineering services for the replacement and repair of an existing pile supported fuel dock in Dutch Harbor, Alaska. The new 460' x 32' trestle consists of timber piles supporting heavy timber pile caps, joists, and decking. For the 322' x 20' T-Section the existing steel piles and pile caps remained in place and the remaining framing was replaced with steel girders, timber joists and timber decking. The dock was designed to accommodate a 4,500 gallon fuel truck. There was also a 200-sf wood framed operations building at the end of the trestle.

The structural design also included the repair of the existing steel pile supported fender system at the face of the T-Section and the addition of a mooring dolphin 75' away from the dock on one side constructed with steel piles. The design vessel for mooring and berthing was a DBL 79 with 17,000 tons of displacement.



Kirkland Marina Park Kirkland, Washington

Project Type

Government, Recreation

Project Classification

Civil & Structural

Client

City of Kirkland

Contract Type

Consultant

DCI provided civil and structural design and construction documents for the phased remodel and addition to park features at downtown Kirkland's Marina Park. The park features a concrete sea wall at the lakefront, machine stacked riprap waterfront protection, and a concrete paved promenade addressing the shoreline. The project's design also included relocation of existing water features and re-grading of the existing shoreline.

